

80. A method of forming a multi-layer expander member and attaching the expander member to an intravascular catheter body having an exterior surface comprising the steps of:

- (a) co-extruding an outer layer and an inner bonding layer to form a parison, wherein the outer layer consists essentially of a polymeric film exhibiting high tensile strength and low distensibility, and the inner bonding layer consists essentially of a polymeric film adhered to the outer layer, the inner bonding layer further being one which adheres readily to a catheter body using glue adhesion;
- (b) heating said parison to a predetermined temperature, drawing said parison longitudinally, and radially expanding said parison in a blow molding fixture to form an expander member in a manner so as to biaxially orient the material of the tensile outer layer such that the expander member exhibits a burst strength greater than about seven atmospheres; and
- (c) adhesively bonding the expander member to a tubular catheter exterior surface using <sup>a separate</sup> ~~an~~ adhesive material.

81. The method of claim 80 wherein, in step (b), the material of both the outer layer and inner bonding layer are biaxially oriented.

# 82. A method of forming a multi-layer expander member and attaching same to an intravascular catheter body having an outer surface comprising the steps of:

- (a) co-extruding an outer layer and an inner bonding layer to form a parison, wherein the outer layer consists essentially of a polymeric film exhibiting high tensile strength and low distensibility, and the inner bonding layer consists essentially of a polymeric film adhered to the outer layer, the inner bonding layer further having a lower melting point than that of said outer layer and said inner bonding layer further being one which adheres readily to a catheter body using melt bonding;
- (b) heating said parison to a predetermined temperature, drawing said parison longitudinally, and radially expanding said parison in a blow molding fixture to form an expander member in a manner so as to biaxially orient the material of both the outer layer and the inner bonding layer such that the expander member exhibits a burst strength greater than about seven atmospheres; and
- (c) attaching said expander to said catheter body by melt bonding said inner layer to the outer surface of said catheter body.

83. A method of forming a multi-layer expander member and attaching same to an intravascular catheter body having an exterior surface comprising the steps of:

- (a) co-extruding an outer layer and an inner bonding layer to form a parison wherein the outer layer consists essentially of a polymeric film exhibiting high tensile strength and low distensibility, and an inner bonding layer consisting essentially of a polymeric film adhered to the outer tensile layer, forming therewith a layer combination, the inner bonding layer further being one which adheres readily to the outer surface of a catheter body using a method selected from the group consisting of melt bonding and glue adhesion or a combination thereof;
- (b) heating said parison to a predetermined temperature, and drawing said parison longitudinally and radially expanding said parison in a flow molding fixture to form an expander member in a manner so as to biaxially orient the material of the the outer layer and the inner bonding layer such that the expander member exhibits a burst strength greater than about seven atmospheres;
- (c) coating the outer surface of the expander member with an hydrophilic lubricous plastic material; and
- (d) bonding the expander to the exterior surface of a tubular catheter.

84. The method of ~~claim 83~~ wherein step (d) comprises bonding the expander to the exterior surface of a tubular catheter using an adhesive material.

85. The method of ~~claim 83~~ wherein said inner bonding layer has a lower melting point than that of said outer layer and wherein step (d) comprises bonding said expander to said catheter body by melt bonding said inner bonding layer to the exterior surface of said catheter body.

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In claim 61, line 1, change the dependency of ~~claim 61~~ from ~~claim 59~~ to claim 80.

In claim 62, line 1, change the dependency from ~~claim 59~~ to ~~claim 80~~ and, in line 4, delete "and combinations thereof"; and in line 14, delete "class" and insert -- group --.

In claim 63, line 1, change the dependency from ~~claim 59~~ to ~~claim 80~~.

In claim 66, line 1, change the dependency from ~~claim 65~~ to ~~claim 82~~.

In claim 68, line 1, change the dependency from ~~claim 65~~ to ~~claim 82~~; and in line 4, delete "and combinations thereof"; and in line 14, delete "class" and insert -- group --.

In claim 69, line 1, change the dependency from ~~claim 65~~ to ~~claim 82~~.

In claim 74, line 1, change the dependency from ~~claim 71~~ to ~~claim 83~~.